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308 Arch St.

[Evening]

A. A.

INaugURAL ESSAY

ON
Published March 1822

BY
GEO: SPACKMAN

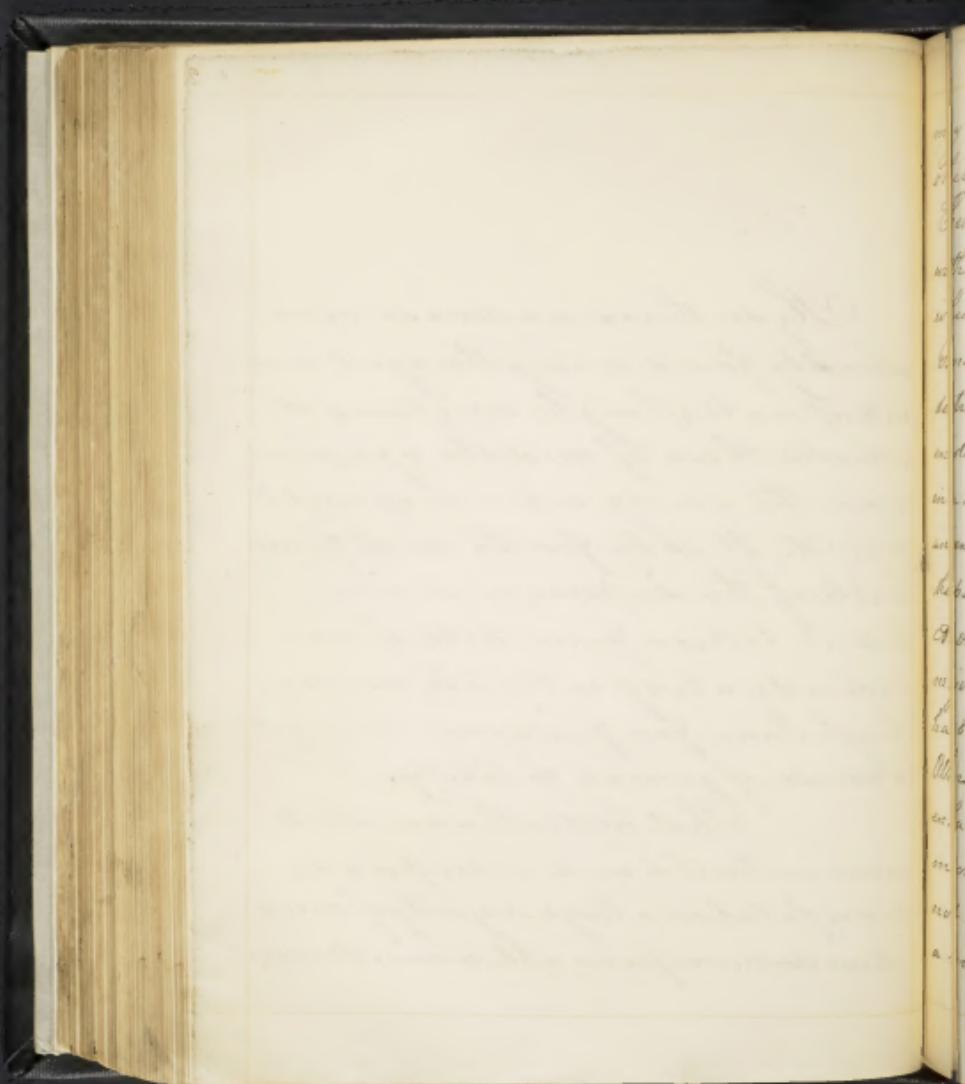
et

PHILADELPHIA.

1828.

Hydrothorax is a disease more especially found among the aged and intemperate; though sometimes it attacks those of middle age, and even the young are not exempt from it. It is by far the most formidable of the dropsies, and when once it takes a firm hold of an individual, is greatly to be dreaded; though I am far from considering it a disease of general fatality.

That hydrothorax which occurs in the old and intemperate, proves fatal in a large majority of cases; yet under more favourable circumstances, it



may be made to yield as readily as any other form of dropsy.

There has been much diversity of opinion with respect to the Pathology of dropsies; which still remains to be settled.

Some have taught that it depends on a destruction of that exact balance which exists between the exhalants and absorbers in a healthy state of the system; giving rise to an excess in the exhalations, or a defect in the powers of absorption.

At one time this was admitted by the majority of medical men; but this hypothesis has been questioned of late.

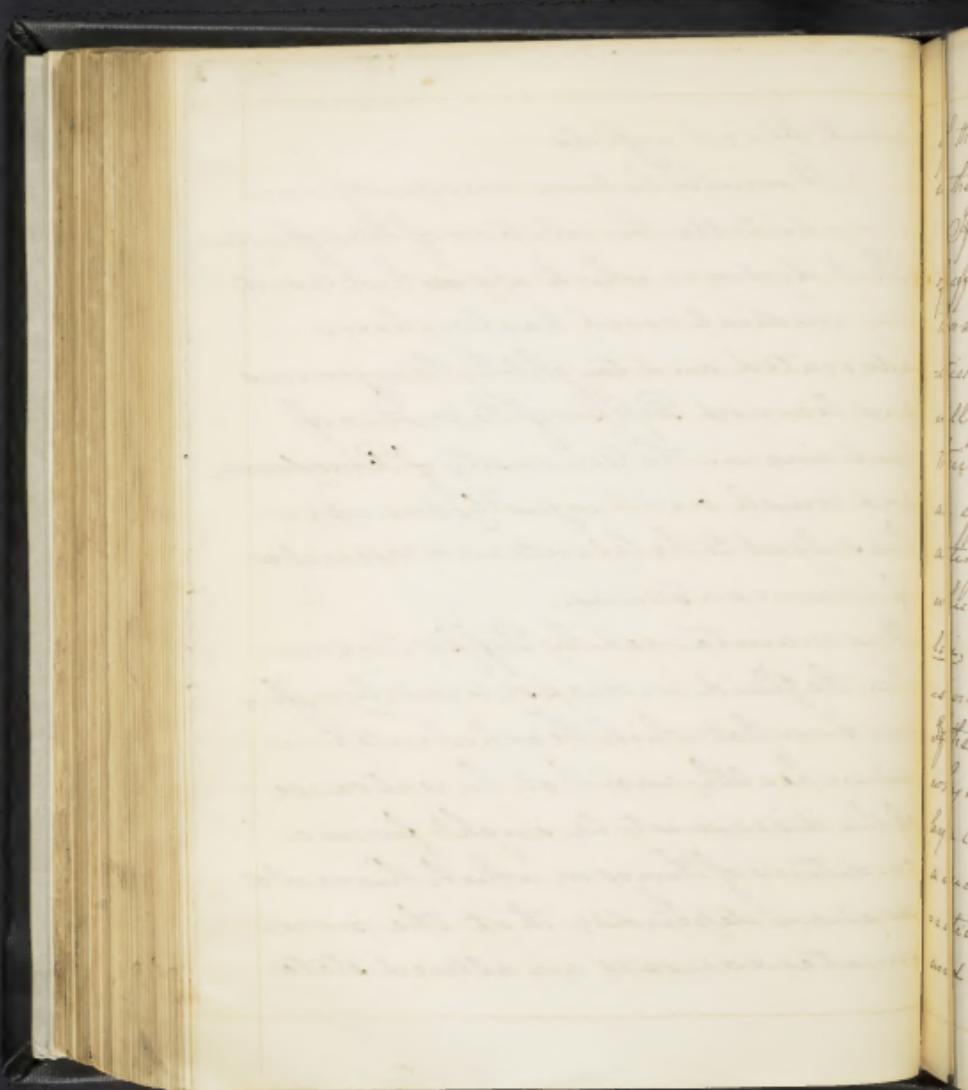
Others have attributed it to debility of the exhalants. Some again, account for it on mechanical principles; and there are not wanting those who ascribe it to a morbid condition of the heart and

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great blood vessels.

It would be time mispent for me to undertake the solution of the difficulty. That doctrine which appears best to suit my medical creed has long been advocated and taught by the ingenious and learned Professor of the practice of medicine in the University of Pennsylvania; and much credit is justly due upon this subject to the talents and researches of American Genius.

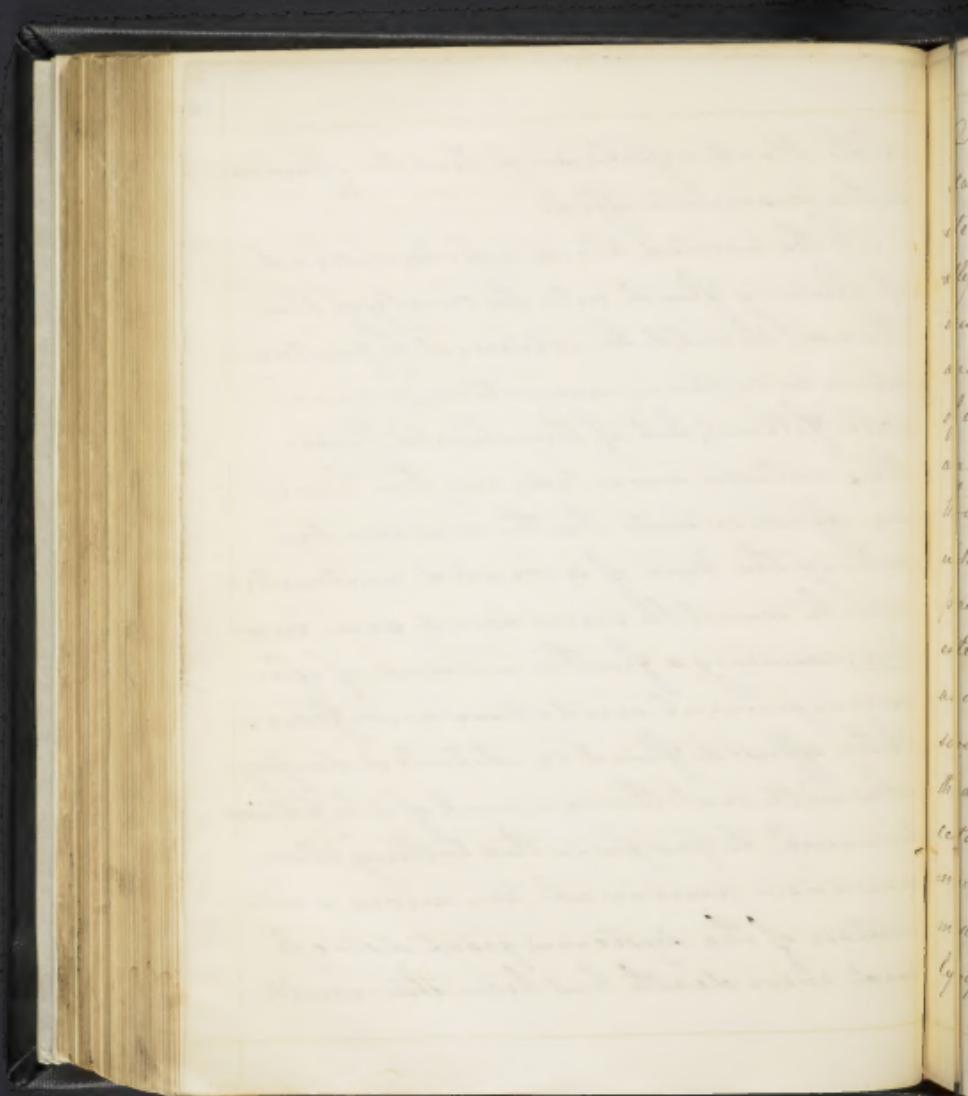
It is maintained by Professor Chapman that the fluid in dropsy is widely different from that which the exhalants pour out in health, and that the real cause of the disease is to be sought for in a condition of things on which this morbid secretion depends; that the proximate cause is an altered state



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of the blood vessels, and that the effusion
is the proximate effect.

If the excited blood vessels, instead
of effusing fluid into the cavity of the
thorax, should be relieved by perspira-
tion or copious urination, a cure
will follow; but if they should have
their action inverted, we then have
an effusion into the thoracic cavity,
acting the part of a morbid irritant,
which must be considered as in error
le, causing a further increase of effu-
sion, general irritation and fever.
If the effused fluid constituted dropsy
why will not the removal of it be followed
by a cure? So far from this taking place,
a sudden removal produces prostra-
tion of the system, great distress,
and even death has been the result.



I believe that there is an altered state of the blood vessels, usually associated with acute, though more chronic, inflammation, in which a thick exudate antecedently to the effusion; and that this in inflammation is of a, somewhat herid: & the serum and cellular tissues may pass through an inflammatory state without producing effusion. The exudate will be filled with extravasated coagula & fibrin, &c, and also the cellular membrane excrete pus. From this it may be seen that the exudative effusion depends on a certain degree of intensity of the inflammation; for high inflammatory actions mostly results in an effusion of coagulable lymph or in the secretion of pus.



Emphysema, which, when however, it becomes a disease it is not the result of an acute, but more commonly of a subacute inflammation of the secret tissue of the lungs, terminating in an collection of a serous fluid into the cavity of the thorax.

The disease not unfrequently results from acute and chronic Rheumatis, Asthma, Pneumonia of aged persons, &c. The symptoms of disease of the chest are generally slow and often insidious in their commencement, though often accelerated in their course and sudden in their termination.

Among the first symptoms, such as increase of weight at the lower part of the sternum, difficulty of respiration particularly on bodily exertion. The inspiration is quick and with great



that the expiration slow, without effort.
There is often an inability of lying in
the recumbent position with the head
down; also some difficulty of breathing on
ascending heights as in the wind & cold
of stairs, oedema of the ankles, sometimes
also of the forearms of males, and the tibia
posterior of women enough sometimes
almonds which is at first dry, and in
the course of some time becomes moist
and attended with expectoration, fever
and considerable thirst; also a torpid
state of the bowels, with more or less
gastric disturbance. The urine is often
cloudy, is red, and sometimes可射able
by heat. To these may be added, a desire
of the stool, and a pasty colored countenance.
Fits of giddiness haunt the slumbers
of the patient; and he often starts suddenly



from his sleep, panting and greatly
distressed in his breathing, and the patient
is then alarmed by the short, fast, distresses
of the heart. Sometimes a number of these
distressful attacks follow this disease.

These are especially very irregular
and intermittent, in fact no precise
time to the regular, but will be described
in another occasion by the author's own
experience. The tongue does not generally
have much to do in its animal state.

In the application of the stethoscope, we have
to respiratory organs and pericardium emit a dull
sound. If you ... the audience is said
to induce great difficulty in this time
since the plant goes to a head, and the
sputum becomes thicker, and the salient
cannot lie for any length of time in the
respiratory tract, as it is often compelled



is now in a state of nature; he is now with-
out pain, is sleep by day, and dreams
which greatly agitate his nervous system,
and increase his irritability of mind. He says
that the mind, (but not the body) of this disease
is compelled to sleep with his limbs drawn
upward in his bed, and his mind now
soon to give him sleep. Due to these there
are convulsive spasms of the ... muscles
and for respiration, producing symptoms
which like spasmodic asthma; the heart
is thrown into violent action by coughing
or any sudden motion. The face now
becomes pale, and the lower jaw appears
widened at the angle, and added to
these, cold extremities and a weak and
ardently intermittent pulse. There is also
pain which extends from the region
of the heart to the insertion of the deltoid.

muscle of new hoth arms. The counte-
nance becomes still paler and the
lips have a thin line of pallid car-
dine as, bare of some of disposure at
the same time. The countenance
is to be covered with cold sweat.

1. Butter, and a few spoonfuls of
rice, before dinner, and a few
m.s. coffee, and delicioum. After
luncheon or dinner, when I feel, me-
nstruation is about to come, I have
and drink my tea, when get this said
m.s. in, full, it does, prevent
thy, from, the, aches, and, the, stomach.
Luncheons no, or, pores, during, the, time, a
few, spoonfuls, of, cold, butter, and, a, few
m.s. diet, during, the, time, of, the, aches,
and, the, lips, are, thin, and, the, face, has
no, subtle, dulness, and, it, is, not, uncom-
mon,



and are to be considered, to
which the author is to be
referred.

In Compt. for 1785 p. 27. the author
describes the cause of the inflammation
as described as irritation, congestion, and
inflammation. The author regards an
idle, intemperate course, indulgence in the
pleasures of tables, conjoined with an
indolent state of the body and mind.
Age that beyond the middle period of
life; for at this time there appears to be
a tendency to a plethoraic condition or
fullness of the various systems, producing
local congestion, which often result
in inflammation terminating in
dyspical effusions. To these may be
added an obstructed state of
the perspiration.

The remote cause may have



have its origin in an acute pleuritis,
badly treated, or from disease of the
great blood vessels; enlargement and
some disease of the heart liver, and
lungs, misnamed Gout, and repeated
inflammation; asthma, hypochondria, and
inflammation of old sores.

2. *Exsudatio*. There are many
diseases with which hydrocephalus may
be confounded, as in the following:
1. asthma, enlargement of the
heart, and diseases of the great
blood vessels &c.

These may generally
be distinguished from hydrocephalus
by the general history of the disease,
but a clear diagnosis is always difficult.
We must study the case, care of signs and
symptoms, the salient circumstances of the



continued visceral obstructions.

Hopes may be entertained of a favourable termination, if we have been satisfied as in most cases the disease has become quiet; also if the patient be of a habit able to bear these obstructions.

Post Mortem examination is suitable to various states of disease in the cavity of the thorax and in any organ. The lungs and pleura are often of various inflammations the pleads are often inflamed, also adhesions between the two leaves and sometimes adhesions which are seen tying down the lungs. The heart is sometimes found desecrated in its structure, and much increased in its volume.

The great blood vessels are often found much diseased, and



at the same time, have its own more
peculiar, & indeed it is as easy to distinguish
this in its own permanent character
and by the attending symptom & oppositions
& tendencies, as it is to have an considera-
ment of one, thus it varies with either
of the others particularly if the opposition
be so strong, and should an asthma
follow the disease will be either
one of those first kinds, & has been said
that this kind is apt to occur in persons
of Town, but this is to be depended upon,
it may also be stated that the sickness
is liable to agitations, and the same
may be urged against Decussation
& still found with no difficulty in
consideration where the disease may
be situated.

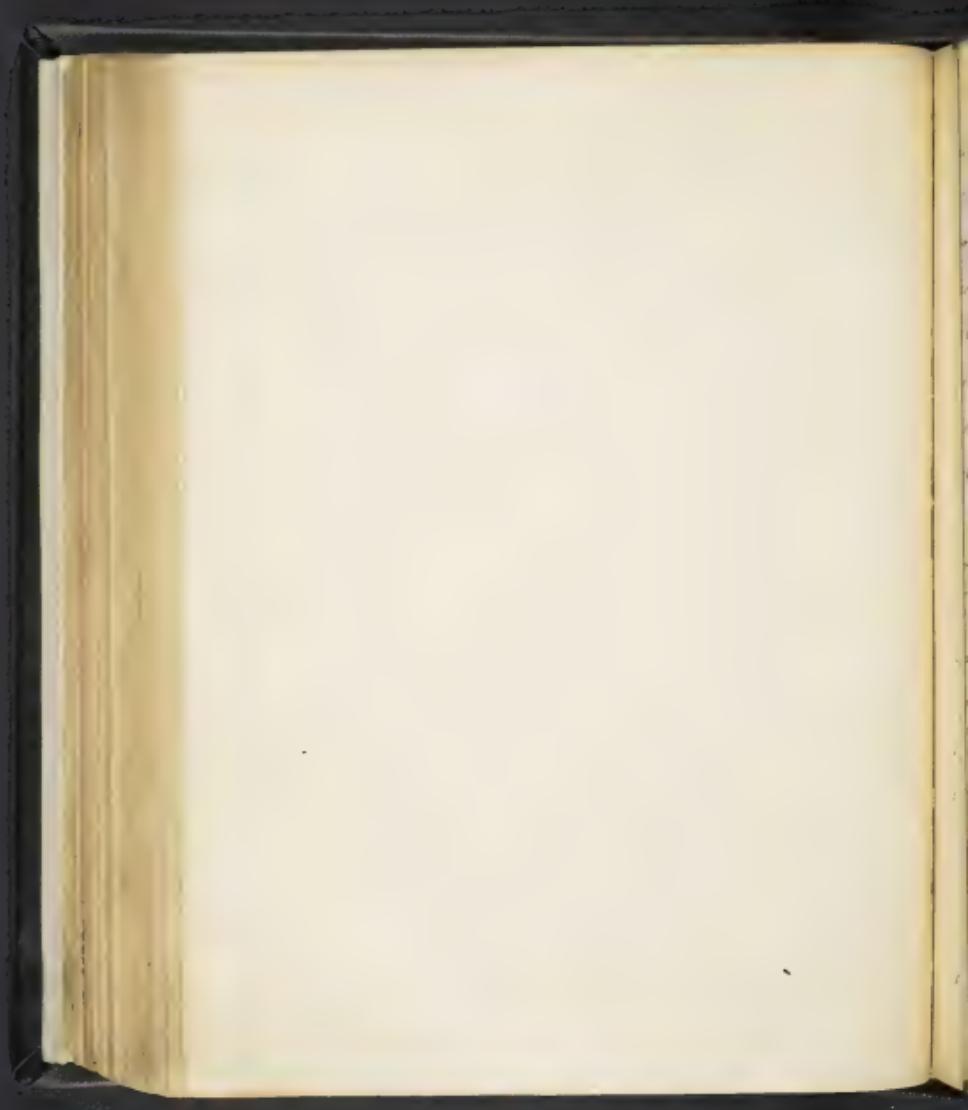
In diseases of the heart the patient



and you will be with less trouble
and have it not to a family of
unravelled and intricate entanglement
of detail to exert to all the means
in his disposal without confiding to
any one particular set of symptoms,
and with these and make a strict
examination into the case.

Observe, it is unavoidable
when occurring in persons advanced
in life, & in the infirm, feeble,
and indolent: also, if there be much
organic disease of long standing
and produced in a slow and insid-
ious manner.

The man expect a recovery when
the system has not been destroyed
by age, and infirm, & a long time,
is greatly debilitated in old age and long



recumbent over in an evolute state.

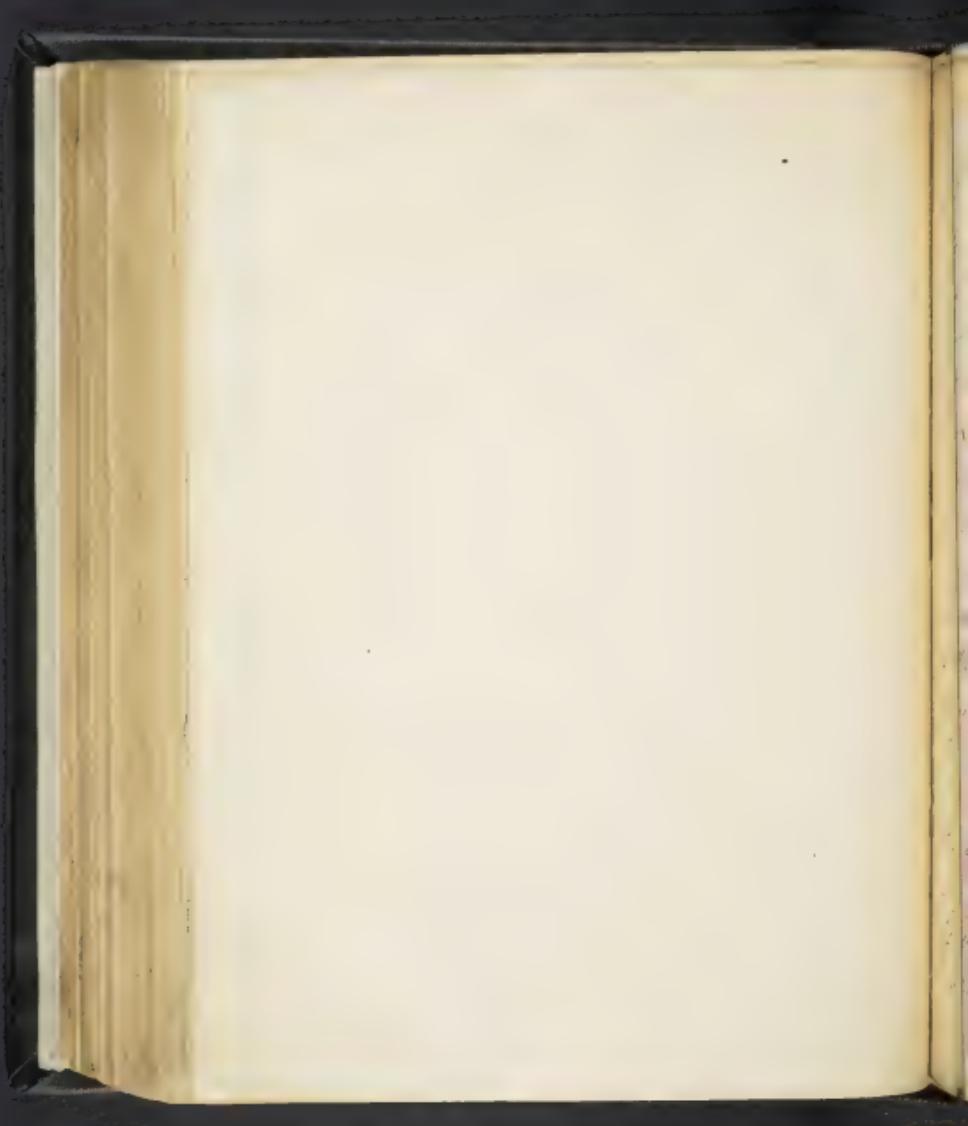
The leaves are very narrow, and
curve to the midrib, and sometimes
the upper lobe is curved inwards, and
the midrib curved downwards, so as to be
inclined to the right. The upper lobe, so, is
inclined to the right, and in a curve
so that it is evolute, long, pointed, or
tapered, with broad flat wings transverse
and filled with glaucous albuminous
and mixed with a granular lymph, so
as even, pale. The wings are void of
air, and the leaves if it has evolute
wings, are studded, with red points.
The leaves, is often found much
thickened, and the midrib
so coarse, so much diseased.



had not been seen
in the last 100 miles, when
I first saw the bird, and
it is the last species of a
series with which I have
been familiar, and which
I have not yet examined, but
which I expect will be found
most easily.

One of the most curious
and also most remarkable characters
of the Golden Plover may be expected
from the following description of the
species.

I give you a general outline, before
the details of its structure are known,
of this bird, so as to enable you to
tell it from the similar species, and
will add to the above what I have
seen of it, as it comes in sight.



scabulation of bisected hairs in the side,
and the whole skin becomes thickened
and hard; the skin at the inflamed
parts becomes thicker, we are not
to attribute the same disease to scabies
and measles; this is a most rare

As the patient can not bear a
repetition of the disease, and the skin
soon becomes thicker again, we must then
turn to the second stage, when you will
cure and beautify him.

Curiosity is the best master
of embarking in a difficult line as this
remedy, as I mentioned it will need
more in the case of this disease.

Curiosity takes it by itself, but
particularly, adaptable to this disease
is the alumine form; and the vapors
will also be found serviceable.



After the inflammation from blossoms have
been done away without any removal
and it has all got over, the last
line can be applied.

Another way can be adopted
which is to take a piece of
cotton wool and the following
ointment can be applied to it
and then use this as a beautifying
blossom. In this way the flowers
remain in the nose better, and
they can be removed quickly
and do not become infected at the same time.
Keep a bottle of this ointment
in the house, this ointment can
be removed by hand, and again
applied, and thus repeated as the
run blossoms demand. This is no
great advantage in this last mode
of employing blossoms, it gives us



an opportunity to cool the skin and
act as astringents in this way we may
alternate our local applications.
I have found this plan well suited
to the above form of the disease, and
to those cases of hidrosis of the
axillæ without ulcers.

The Mercurial application
has been also recommended. I made
to the external application of the
lustrate or unlimonated Salts,
in the form of an ointment. This
was very effectual, made of producing
calm and quietness, and keeping
the skin as dry as the surface of
the body.

These have been highly
recommended by some physicians,
but may be unsafe in some cases.



From what I have said of the subject
in regard to the increasing number of general
and local diseases, it may not be out of
place to add a few words on the causes
of these. We see... that more than
one cause can and does prevail
at the same time, and since the most
fascinating of any of the forms of disease
is that which is called the epidemic.

When we have seen in the epidemic
diseases of any character or violence the question
naturally arises a consideration of diagnosis.
we are to regard the Disease. The last
of this class of medicines are Rockville
Salicylic, & Nigro's and Salicato
of the Salicato the first of these is generic
in combination with Chinicinum
this is followed the latter combined
with the Salicato of Clash and
Antiseptus in the following Proportions.



It is best always to use the esterous
powders after bleeding, to reduce any
inflammatory action that may remain,
and thus, not tax the system so the
Quintal & Easonel: two grains of
the Eustach. spirit and half a grain
of Salicin, in ext. a. tinct. or
powder, are to be given three times
a day, until the mouth becomes
sufficiently healed; then the Easonel
must be omitted and the Quin.
continued for a short time after
the recurrence of a slight salivation,
we shall find the symptoms recd
and the condition of the patient much
improved.

We shall now find the Quin. to
exert its influence on the urinary organs
causing a free discharge of urine without



90. Digitalis are a valuable and
useful sovereign in every thing
with a cure of the disease.

They must be administered in the
spurts and intervals after a few hours
or more. Their power is still diminished
by lightness and dryness.

As all of these articles is contraindicated
to those cases who are infested with a cold
dewy, moist, diuisive, and oblique condensa-
tion, and it will be found well adap-
ted to cases of the atomic form, and it
is well suited to persons of delicate
constitutions.

Digitalis may be given either
in the form of a spirit, calomel or
alkali of Potash: the dose, alone, or in
combination, is half a grain, which
may be gradually increased to two.



which have been added it is now evident
it was not so, and that

the first and only error in the
classification of the animal kingdom is
that of the author of the first system of
classification, who, in his work on
mammals, has said that it was
impossible to divide the class in three or
four parts, it should be diminished
to a few classes, and, as no evidence is
offered of the effects on the system, we
are still bound to administer
such a system, commencing with the
presently best given, and to do this
as far as possible.

Timelines are many, and destined
to act little, a sharp, and explosive
as regards all wine and its amelioration
of all the urgent symptoms would



For the reader, we want your kind contributions.

4. The Circumstances in which the Author and
Editor of the *Journal* have been informed of
the Circumstances in which the *Journal* of
Coblenz was suspended, and the *Journal* alone
is in communication with the authorities
of the *Einzelne*, *Freiheit* of *Moskau*, and
the *Chronique des Squalls*, agreeable to
Dr. Feuerbach's *Statement*.

If the patient be a drunkard
the Faculty will often prove beneficial.
The use of these and other remedies
will often be aided by that of a
mild laxative, as the inclusion of
bitter medicines, to which this is
but little of, is often most beneficial,
the effects to increase, when, or added
to an infusion of the gentian, or of the
bark of the black mulberry and hawthorn.



If we find difficulties to be removed
by force, we may resort to persuasions,
and it is the duty of a friend
and the power of influence that should
be resorted to.

Stimulatives of a violent nature
are generally used to us Featin,
Bolton etc, Gamboge, Gennu, and the
Compound powder of Sulphur.

As a general rule, no benefit
will result from active purging in
any of the diseases of chest, mild
laxatives are all that are required;
and throughout the treatment of
Hydrocephalus, the patient's bowels
should be kept regular.

As the lungs are often affected
by inflammation, phlegm or mucus
is apt to collect in the bronchial tubes,



whose is that I speak of an uncoated loz. To meet his indigestion, mucus and expectorants are to be administered, but it will seldom be required to treat a patient in this disease.

Among the class of expectorants, those possessing diuretic powers should be preferred, as the Sennit, Tolu-pain, Sinegash, gallic, and Liver-cure have.

When a toxic expectorant is indicated, the Cascara Bark will be found very efficient, and a salivation would be the classic form of the disease.

The Liver-cure, in removing disease, will be very useful, where there is an antiseptic to it, and where a specific will be.

Should we have failed to relieve our patient by local and general



blood letting, purgatives, diuretics, mercury
cawdick, and repeated blistering,
we may then try the effects of Kelso's
salient under the influence of
nauseating doses of emetics, & a few
hours by this plan of treatment the fluid
has been gradually removed and
a cure thus effected.

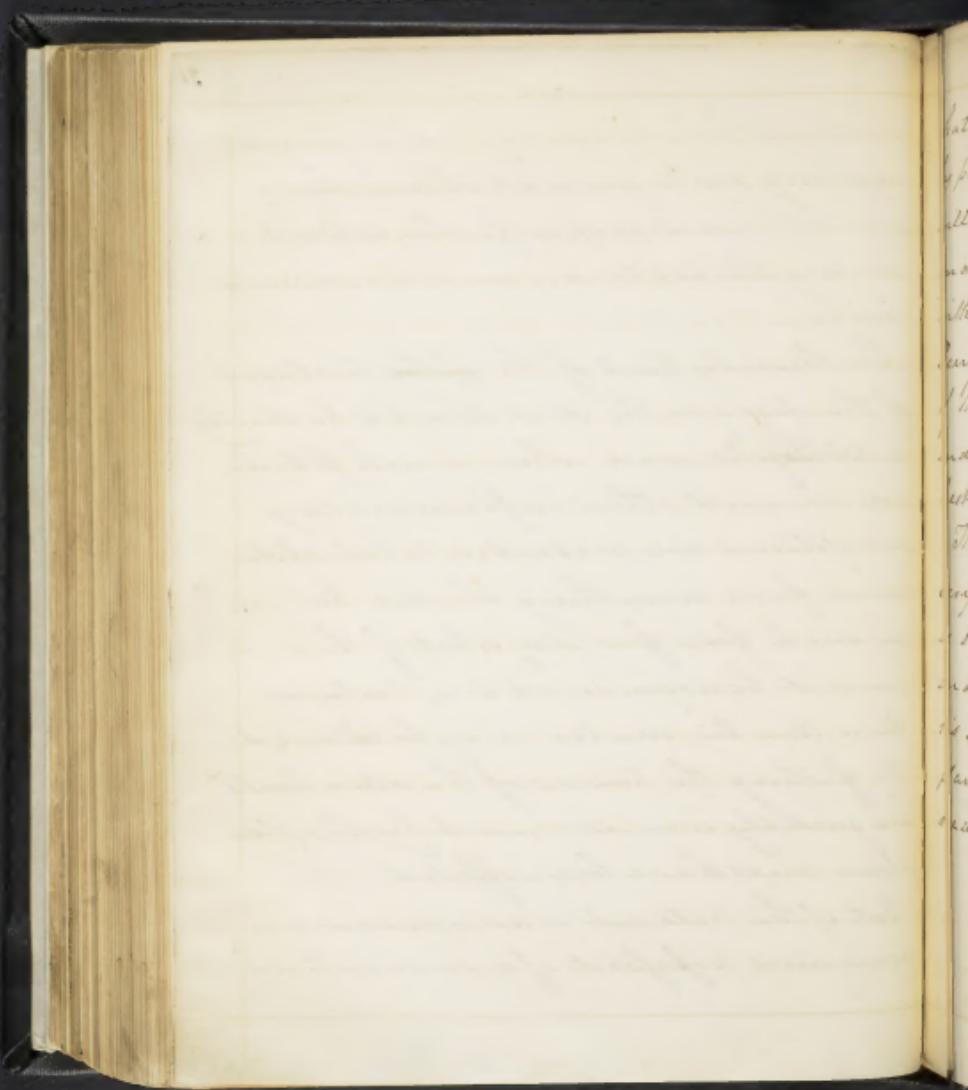
It is important, to support the
movement of the bowels, to keep
the lower extremities neatly bandaged
by a roller of muslin, particularly if
much swollen.

No relief being obtained, and
the symptoms becoming very bad
the life of the patient in immediate
danger, we may attempt relief by
the operation of Paracentesis Thoracis,
provided fluctuation of the fluid be



sident. I shall conclude this essay by making some general observations upon the diet proper for the patient during the treatment and his convalescence.

In the early part of the ~~of the~~ treatment of the disease, the diet should be strictly antiphlogistic, and where much febrile action and other inflammatory symptoms are present, a total abstinence from every thing should be enjoined for a few days; but if this cannot be acquiesced in, barley or pure Arabic water may be allowed. By fasting the powers of the ailerments are greatly increased, and by this means alone cures have been effected. But if the patient is advanced in years and possessed of a constitution



shattered by intemperance or weakened by previous disease, a nourishing diet will be demanded. Eggs, Oysters, Jellies, and plain broths may be allowed; with the free use of fluids, as Juniper Berry tea, Bearer of Tarter whey, and if the patient be a drunkard, gin and water may be taken, but the best drink is pure water.

The convalescent patient should be very guarded in his habits of living, as slight deviations from temperance and moderation, may renew all his sufferings. Let him partake of plain and simple food, and by all means avoid stimuli of every kind.

-*Thesis.*-

